

PATENT CLAIMS

1. An endoprosthesis for replacing an ankle joint, comprising:
a lower component which is configured to be connected to an ankle bone and
which forms a top slide surface,
5 an upper component which forms a bottom slide surface and which has an upper
connection surface for connection to a resection surface of a shin bone, and
an intermediate part which has two slide surfaces interacting with the top and bot-
tom slide surfaces of the upper and lower components,
wherein the upper component is wedge-shaped in a frontal or sagittal section be-
10 tween its bottom slide surface and its top connection surface or the intermediate part is
wedge-shaped in a sagittal section between its slide surfaces.
2. The endoprosthesis as claimed in claim 1, wherein the interacting slide sur-
faces on the lower component and the intermediate part interact substantially nonrotata-
bly with respect to a vertical axis of the endoprosthesis.
- 15 3. The endoprosthesis as claimed in claim 1, wherein the interacting slide sur-
faces on the upper component and the intermediate part interact rotatably with respect to
a vertical axis of the endoprosthesis.
4. The endoprosthesis as claimed in claim 1, 2 or 3, wherein the upper compo-
nent and the intermediate part have a wedge angle of between 1° and 16°.
- 20 5. The endoprosthesis as claimed in claim 1, 2 or 3, wherein the wedge-shaped
component comprises a wedge part having a varying wedge angle and a standard part.
6. A system of endoprostheses for replacing the ankle joint, comprising a plural-
ity of sets of endoprostheses, each set comprising:
a lower component which is configured to be connected to an ankle bone and
25 comprises a top slide surface,
an upper component which comprises a bottom slide surface and a connection
surface configured for connection to a resection surface of a shin bone, and

an intermediate part which comprises two slide surfaces configured for interacting with the top and bottom slide surfaces of the upper and lower components,

the system comprising sets of normal upper components and normal intermediate parts whose top and bottom faces are substantially parallel and sets of either corrective components which are configured for exchange for the normal upper components and which are wedge-shaped in their sagittal or frontal planes between their top and bottom faces or corrective intermediate parts which are configured for exchange for the normal intermediate parts and which, between their top faces and the overall course of the bottom faces, are wedge-shaped in the sagittal plane as compared to the normal intermediate parts.

7. The endoprosthesis as claimed in claim 4, wherein the wedge-shaped component comprises a wedge part having a varying wedge angle and a standard part.

8. The endoprosthesis as claimed in claim 1, 2 or 3, wherein the upper component and the intermediate part have a wedge angle of between 3° and 8° .